

FIG. 3

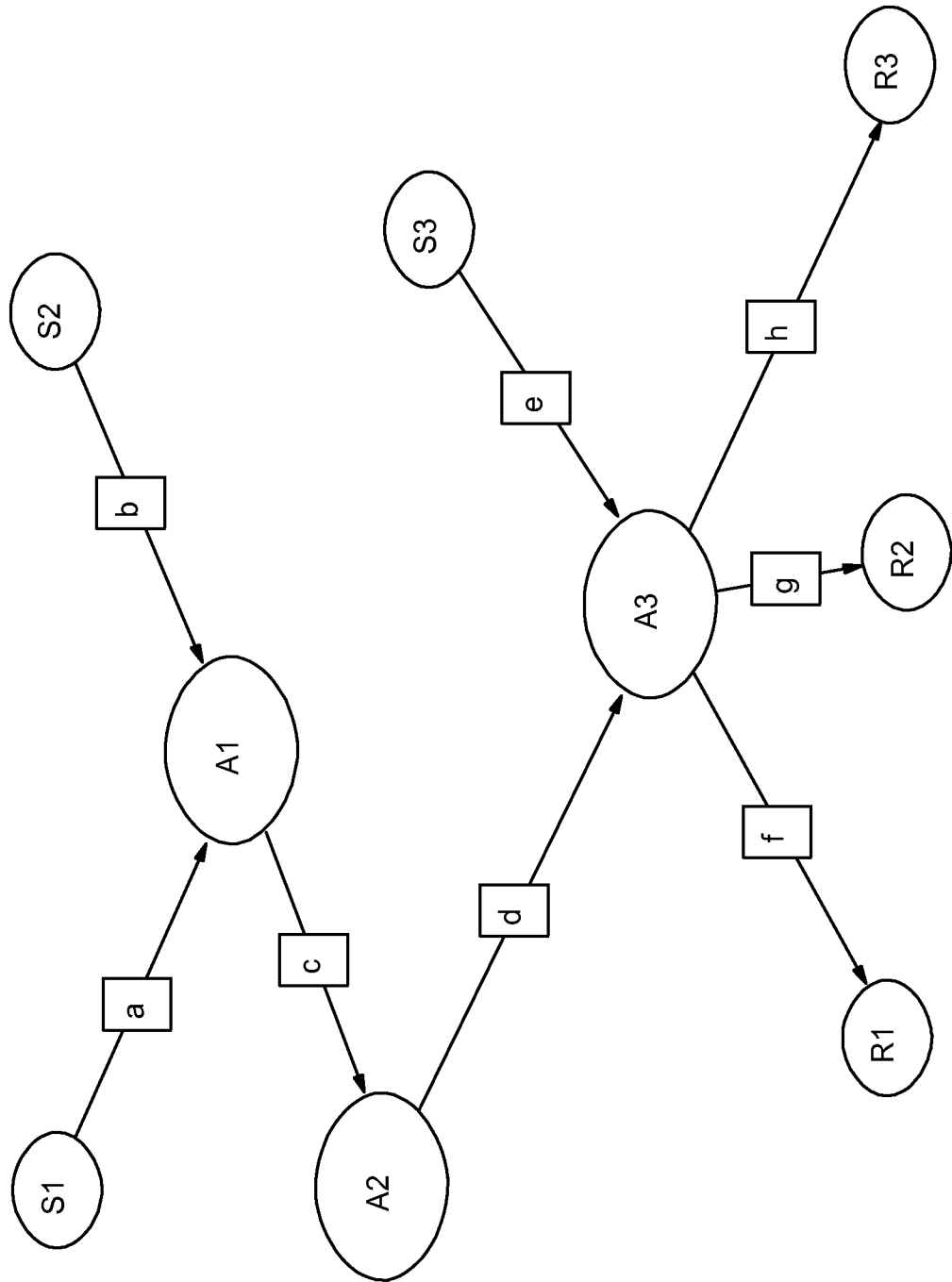


FIG. 4

**400** — Probes  $P = \{ a, b, c, d, e, f, g, h \}$   
**410** —  $KPI = \{ \Delta ca, \Delta cb, \Delta dc, \Delta fd, \Delta fe, \Delta gd, \Delta ge, \Delta hd, \Delta he, \Delta at, \Delta bt, \Delta et \}$  (t = initial time)  
**420** — Collaboration  $C = \{ (S1, A1), (S2, A1), (A1, A2), (A2, A3), (S3, A3), (S1, A1, A2), (S2, A1, A2), (A1, A2, A3) \dots \}$   
**430** — Service Offering  $SO = \{ ((S1, A1)(A1, A2)), ((S2, A1)(A1, A2)), ((A1, A2)(A2, A3)), \dots \}$